

**POST GRADUATE CERTIFICATE IN  
INFORMATION AND ASSISTIVE  
TECHNOLOGIES FOR INSTRUCTORS OF  
VISUALLY IMPAIRED (PGCIATIVI)**

**Term-End Examination**

**December, 2018**

**MVEI-012 : ASSISTIVE AND ADAPTIVE  
TECHNOLOGIES**

*Time : 2 hours*

*Maximum Weightage : 35%*

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*Note : All questions are compulsory. All questions carry equal weightage.*

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1. Answer the following question in about **600** words :

What is technology ? Describe Assistive and Adaptive technologies with examples.

**OR**

What are the software and hardware equipments adepted for persons with visual impairment ? Describe.

2. Answer any four of the following in about **150** words each :

(a) Write a short note on Authoring Tool Accessibility Guidelines (ATAG).

(b) What is User Agent Accessibility Guidelines (UAAG) ?

- (c) Briefly list the principles of Universal Design (UD).
- (d) What are the different mobility devices ?
- (e) List various communicative, listening and alerting devices and briefly describe them.
- (f) How can websites be made accessible for persons with disabilities ?

3. Answer the following in about 600 words :

What do you understand by 'Ergonomics' ?  
Discuss the basic aspects of ergonomics that you consider while designing a product.

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